

Seat slide device for motor vehicle seats has relatively moveable seat carrier and floor part with locking units, and resetting units to move seat with passenger backwards during frontal collision

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Inventor(s): AGOCAN ARTIN [DE]
Applicant(s): AGOCAN ARTIN [DE]
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Abstract

The device has a support part (1) connected to a seat, and a floor part (3) on the vehicle floor. The parts are relatively moveable and have locking units. Resetting units active between support and floor parts are set, so that when the first locking unit is released, the resetting units cause the support part, including a weight corresponding to that of a seat (2) and a person occupying it, to move from a first into a second locking position. Movement takes place within a period, which covers crumple times of conventional motor vehicles during a front collision at 50km/h, pref. 80km/h, esp. pref. 130km/h.

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